

## MS/MS Parameters of Pesticides

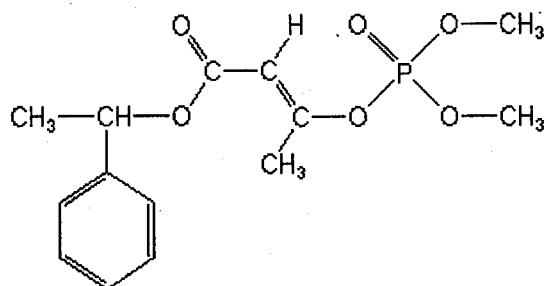
### Analyte: Crotoxyphos

CAS No.: 7700-17-6

Formula: C<sub>14</sub>H<sub>19</sub>O<sub>6</sub>P

Molecular mass (lowest isotopes): 314,00 amu

Structure:



Ionisation: ESI +

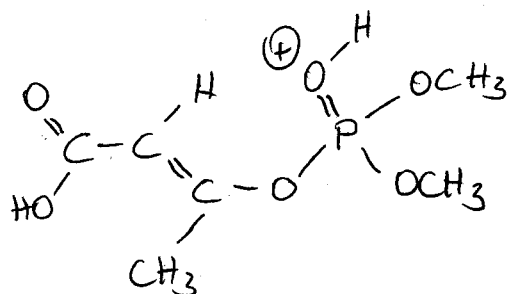
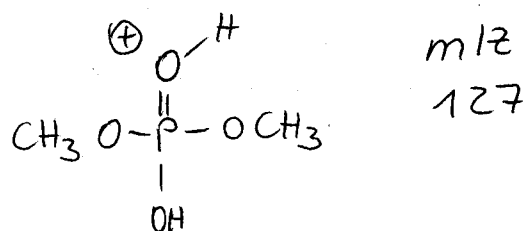
Quasimolecular ion: 332,1 amu = [M+NH<sub>4</sub>]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

Transition	332,1 → 127,1	332,1 → 211,0
Declustering potential (DP) <sup>*)</sup>	1V	1 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	6,0 V	7,0 V
Collision cell entrance potential (CEP)	20 V	20 V
Collision energy (CE)	33 V	15 V
Collision cell exit potential (CXP)	6 V	10 V

<sup>\*)</sup> For API 3000 and 4000 enhance DP by 20V

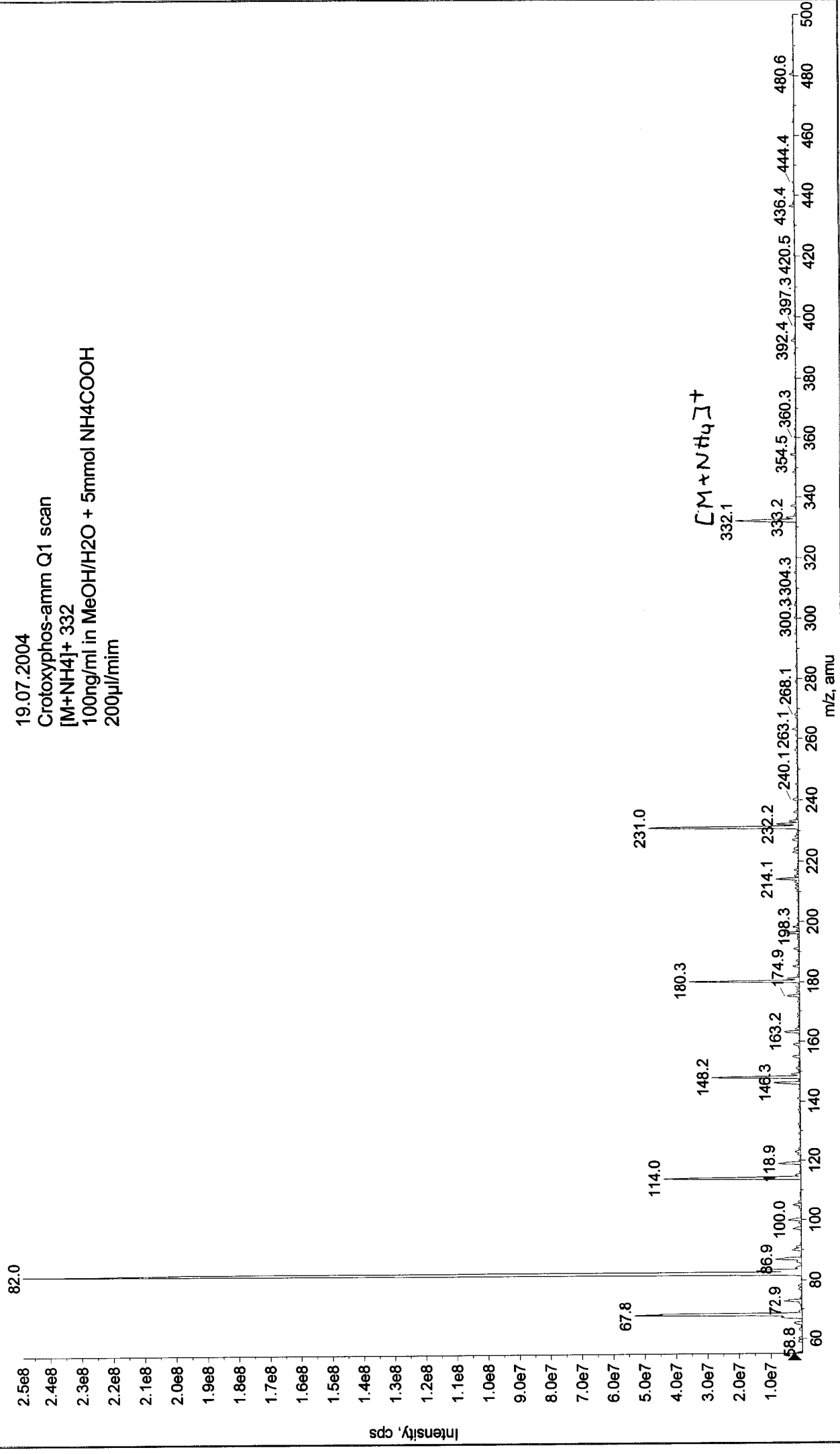
### Fragmentation



m/z 211

Max. 2.5e8 cps.

+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040719113216.wiff (Turbo Spray)

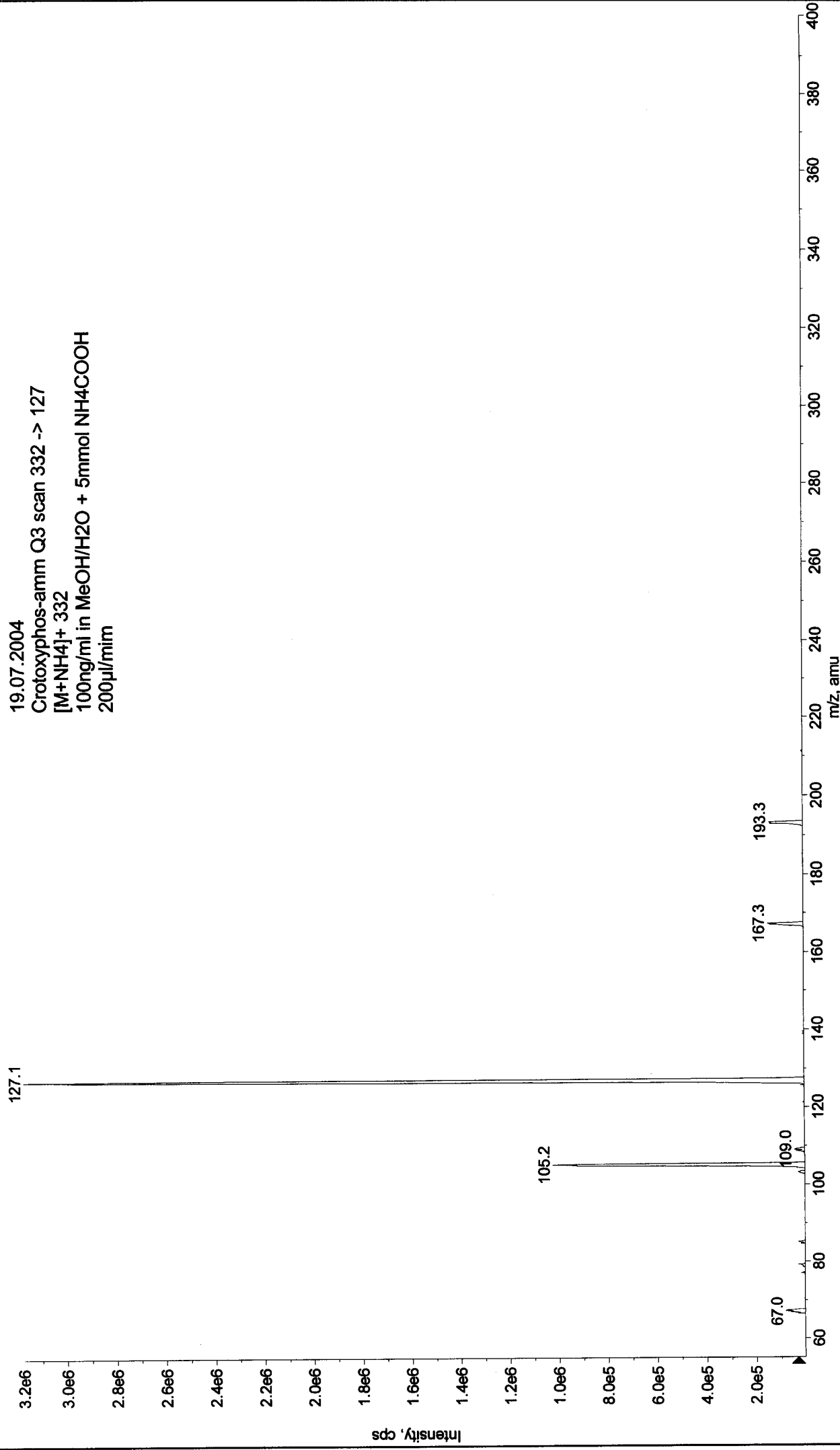


Printing Time: 11:54:48  
Printing Date: Monday, July 19, 2004

Acq Time: 11:53  
Acq Date: Monday, July 19, 2004  
Acq File: MT20040719115347.wiff

Sample Comment:  
Sample Name: TuneSampleID  
Batch Name: ManualTune.bat

Max. 3.2e6 cps.  
+MS2 (332.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040719115347.wiff (Turbo Spray)



Printing Time: 11:53:06  
Printing Date: Monday, July 19, 2004

Acq Time: 11:52  
Acq Date: Monday, July 19, 2004  
Acq. File: MT20040719115207.wiff

Sample Comment:  
Sample Name: TuneSampleID  
Batch Name: ManualTune.bat

